

SGS Accutest Mountain States		Aug 30, 2016 16:51 pm	
Job Number:	D85808		
Account:	Hydrokinetics		
Project:	D1-2		
Project Number:	D1-2		
		Legend:	Hit
Client Sample ID:		LYONS	LYONS
Lab Sample ID:		D85808-1	D85808-1F
Date Sampled:		08/17/2016	08/17/2016
Matrix:		Water	Water Filtered
Metals Analysis			
Barium	ug/l	-	2020
Calcium	ug/l	-	4100000
Iron	ug/l	-	65900
Magnesium	ug/l	-	338000
Manganese	ug/l	-	2050
Potassium	ug/l	-	651000
Silicon	ug/l	-	47900
Sodium	ug/l	-	17300000
Strontium	ug/l	-	17500
General Chemistry			
Bicarbonate as HCO ₃	mg/l	593	-
Carbonate as CO ₃	mg/l	<5.0	-
Chloride	mg/l	43700	-
Fluoride	mg/l	<10 ^a	-
Nitrogen, Nitrate	mg/l	2.9	-
Phosphate, Ortho	mg/l	<5.0 ^a	-
Redox Potential Vs H ₂	mv	364	-
Silica, Dissolved	mg/l	-	102 ^b
Solids, Total Dissolved	mg/l	59000 ^c	-
Specific Conductivity	umhos/cm	91000	-
Specific Gravity by Hydrometer		1.0505	-
Sulfate	mg/l	965	-
Sulfide	mg/l	<0.50	-
pH	su	6.12 ^d	-
Footnotes:			
^a Elevated detection limit due to matrix interference.			
^b Calculated as: (Silicon * 2.139)			
^c Maximum reference method residue requirement was exceeded even with minimum sample volume used. The constant weight requirement was not met.			
^d Analysis performed past the required 15 minutes from collection time/holding time.			